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a data pipe coupled between an input of such one of the second directors and the cache memory;

a controller for transferring the messages between the message network and such one of the second directors.

4. (original) The system interface recited in claim 2 wherein each one of the second directors includes:

a data pipe coupled between an input of such one of the second directors and the cache memory;

a controller for transferring the messages between the message network and such one of the second director.

5. (original) The system interface recited in claim 1 wherein each one of the first directors includes:

a data pipe coupled between an input of such one of the first directors and the cache memory;

a microprocessor; and

a controller coupled to the microprocessor and the data pipe for controlling the transfer of the messages between the message network and such one of the first directors and for controlling the data between the input of such one of the first directors and the cache memory.

6. (original) The system interface recited in claim 1 wherein each one of the second directors includes:

a data pipe coupled between an input of such one of the second directors and the cache memory;

a microprocessor; and

a controller coupled to the microprocessor and the data pipe for controlling the transfer of the messages between the message network and such one of the second directors

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and for controlling the data between the input of such one of the second directors and the cache memory.

7. (original) The system interface recited in claim 5 wherein each one of the second directors includes:

a data pipe coupled between an input of such one of the second directors and the cache memory;

a microprocessor; and

a controller coupled to the microprocessor and the data pipe for controlling the transfer of the messages between the message network and such one of the second directors and for controlling the data between the input of such one of the second directors and the cache memory.

8. (currently amended) A data storage system for transferring data between a host computer/server and a bank of disk drives through a system interface, such system interface comprising:

a plurality of first directors coupled to host computer/server;

a plurality of second directors coupled to the bank of disk drives;

a data transfer section having a cache memory, such cache memory being coupled to the plurality of first and second directors;

a message network, operative independently of the data transfer section, coupled to the plurality of first directors and the plurality of second directors; and

wherein the first and second directors control data transfer between the host computer/server and the bank of disk drives in response to messages passing between the first directors and the second directors through the message network to facilitate the data transfer between host computer/server and the bank of disk drives with such data passing through the cache memory in the data transfer section.

9. (original) The system interface recited in claim 8 wherein each one of the first

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memory.

13. (original) The system interface recited in claim 8 wherein each one of the second directors includes:

a data pipe coupled between an input of such one of the second directors and the cache memory;

a microprocessor; and

a controller coupled to the microprocessor and the data pipe for controlling the transfer of the messages between the message network and such one of the second directors and for controlling the data between the input of such one of the second directors and the cache memory.

14. (original) The system interface recited in claim 12 wherein each one of the second directors includes:

a data pipe coupled between an input of such one of the second directors and the cache memory;

a microprocessor; and

a controller coupled to the microprocessor and the data pipe for controlling the transfer of the messages between the message network and such one of the second directors and for controlling the data between the input of such one of the second directors and the cache memory.

Cancel Claim 15.

Cancel claim 16.

17. (previously presented) A method of operating a system interface having a plurality of first directors, a plurality of second directors and a data transfer section having a cache memory, such cache memory being coupled to the plurality of first and second directors, such